

29545
(1 of 24)

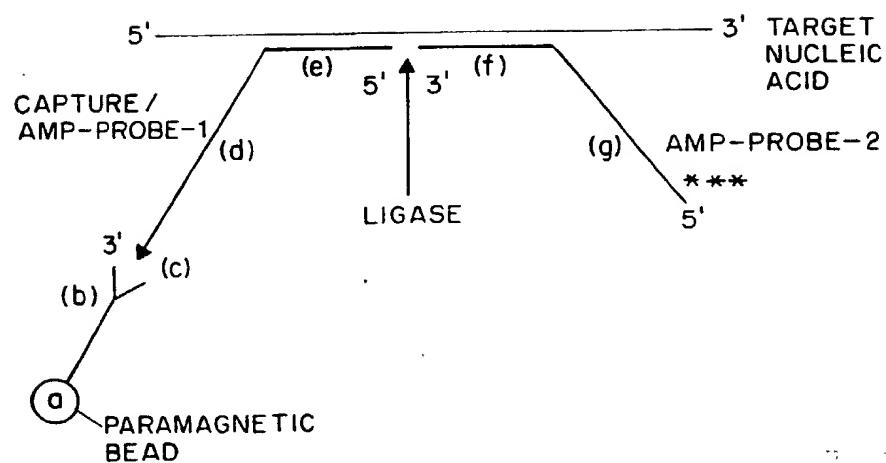


FIG. 1

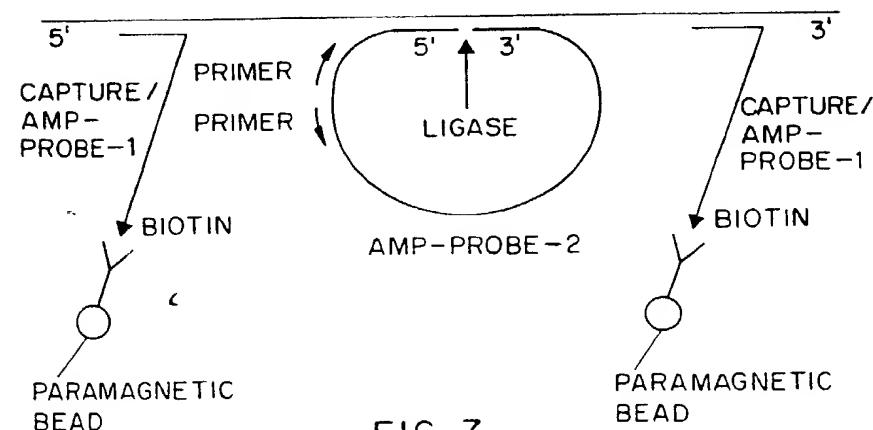


FIG. 7

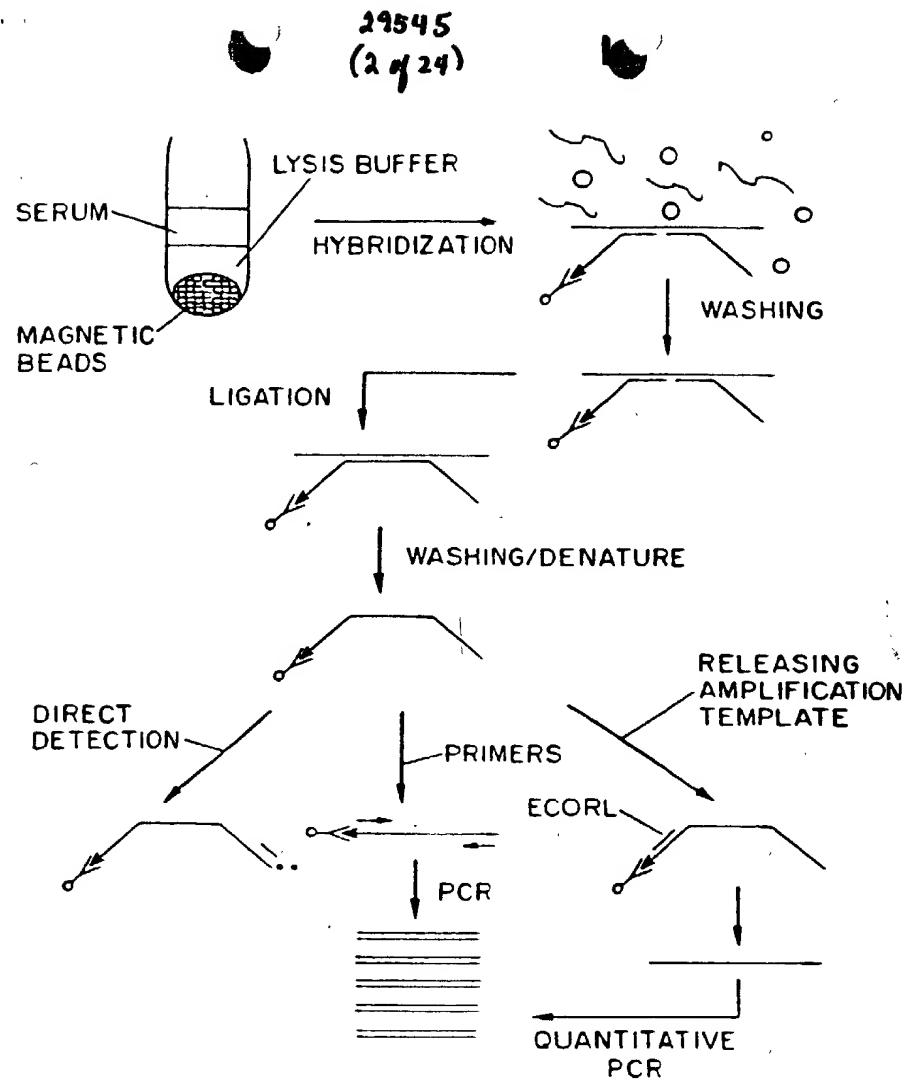


FIG. 2

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FIG.3

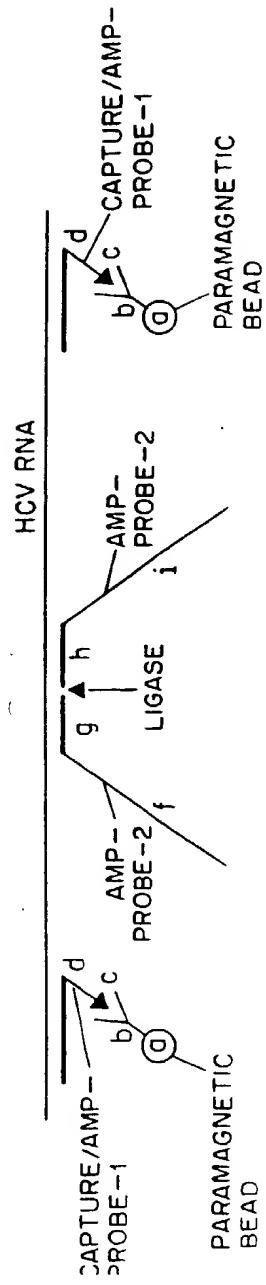


FIG. 4

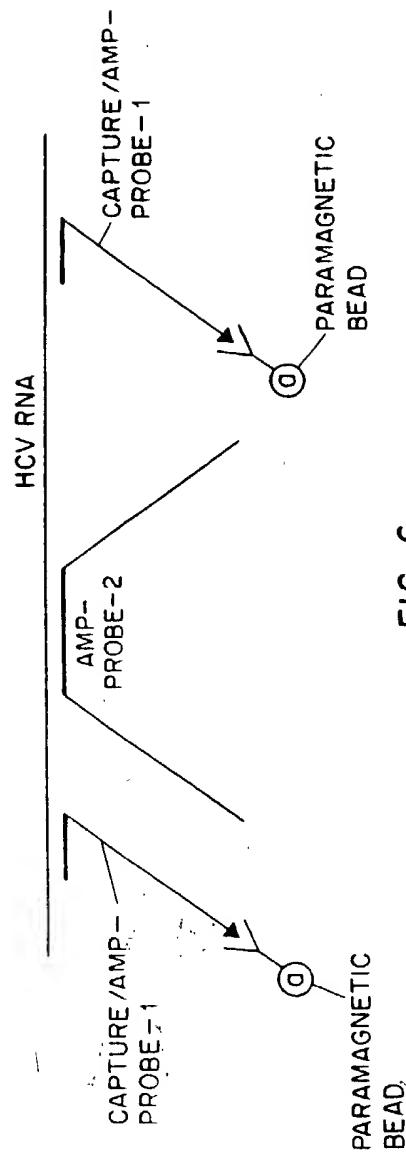


FIG. 6

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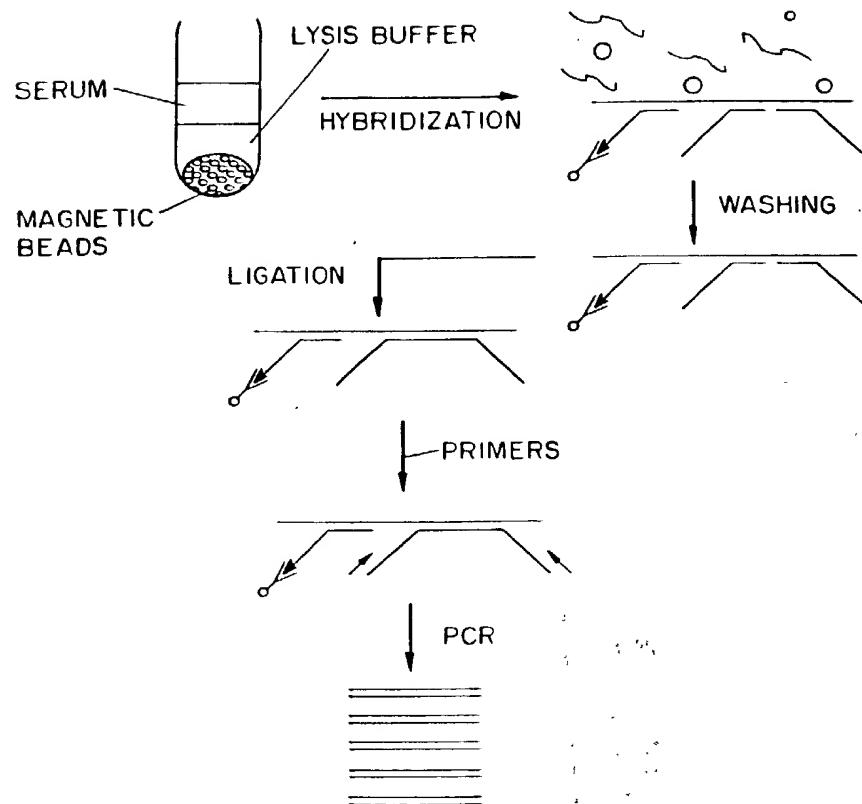


FIG. 5

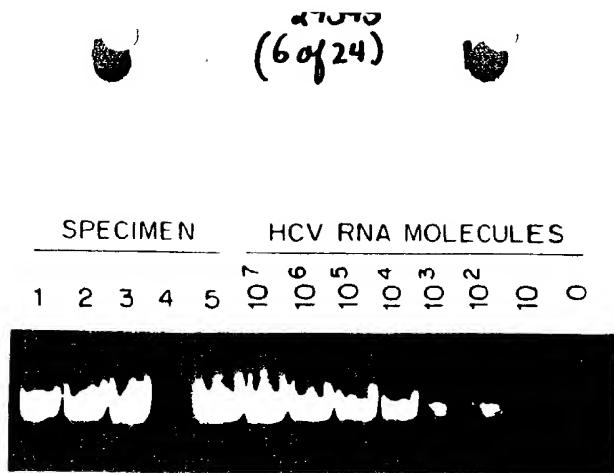


FIG.8

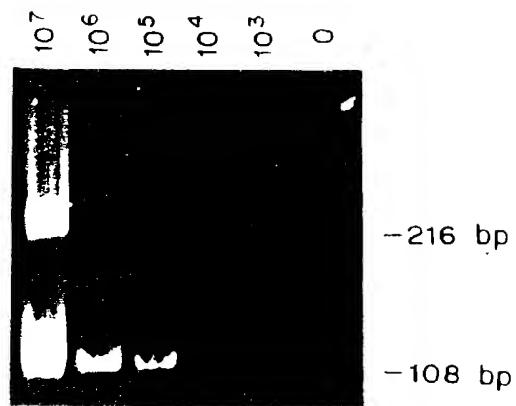


FIG.9

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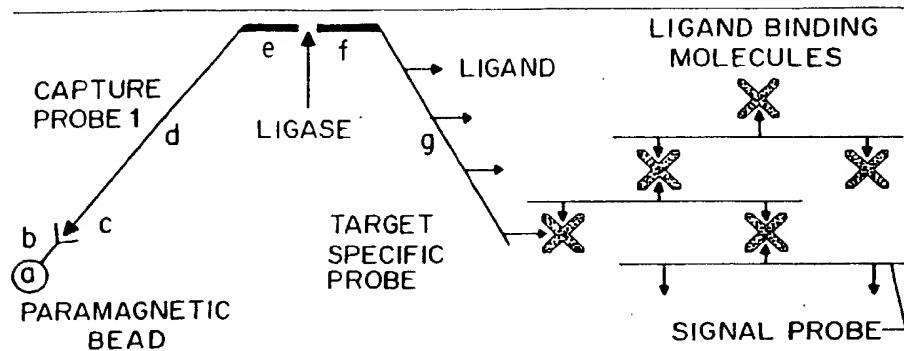


FIG. 10

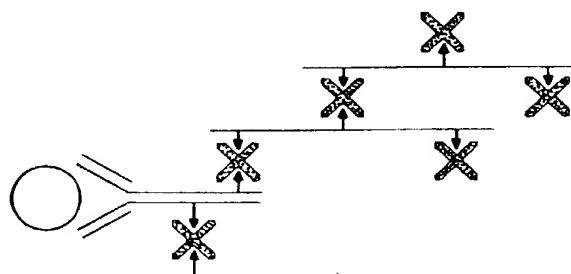


FIG. 11

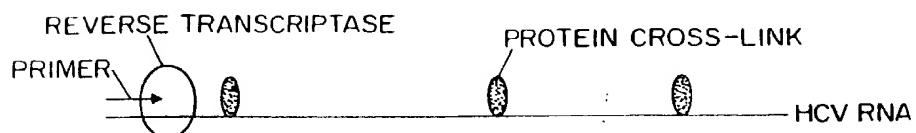


FIG. 12A

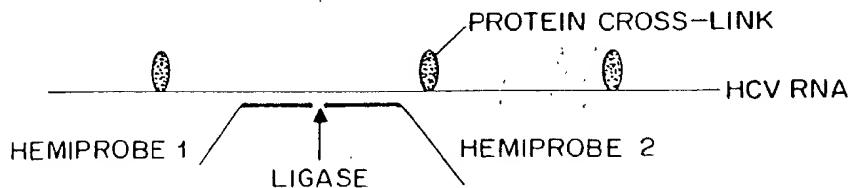
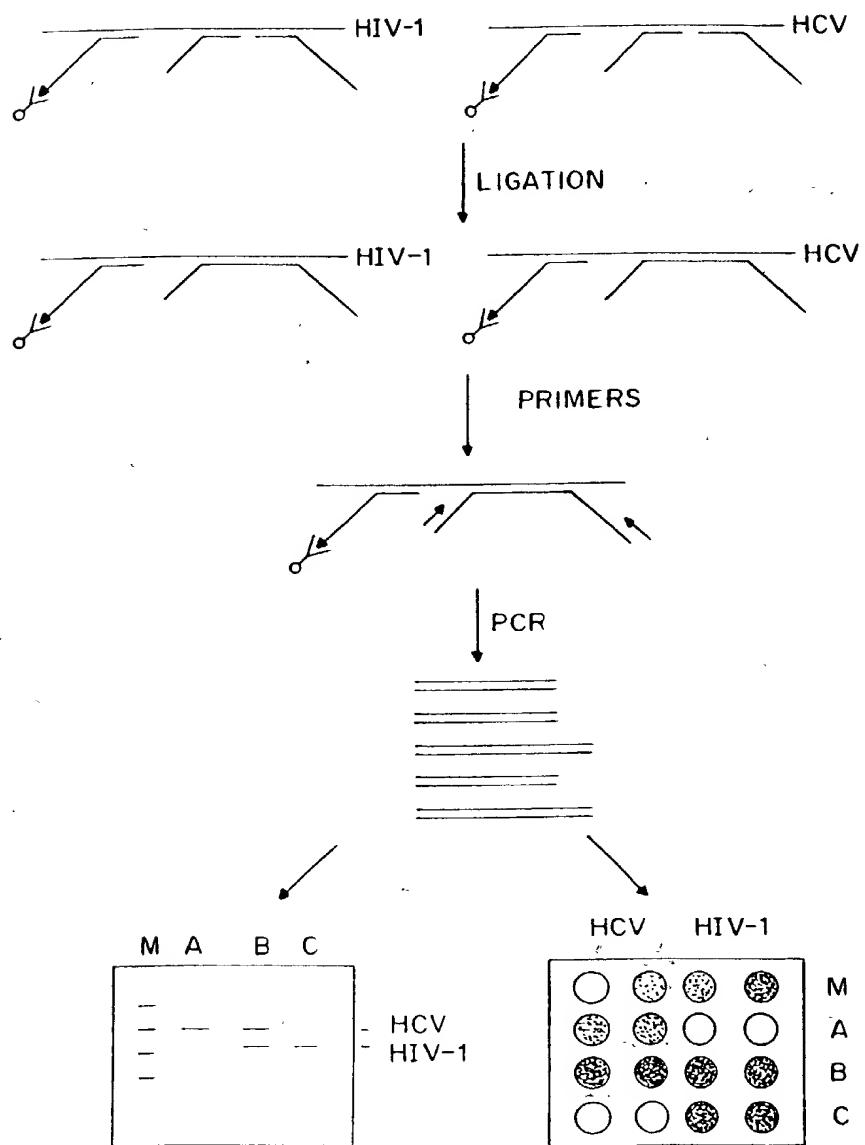


FIG. 12B

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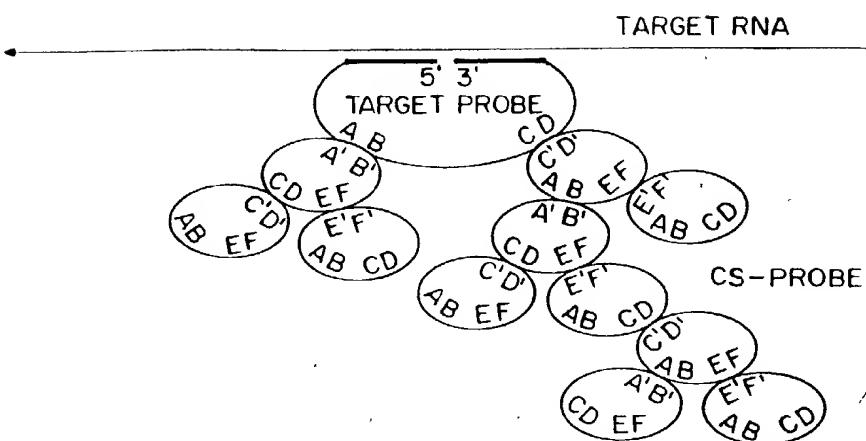


FIG. 14

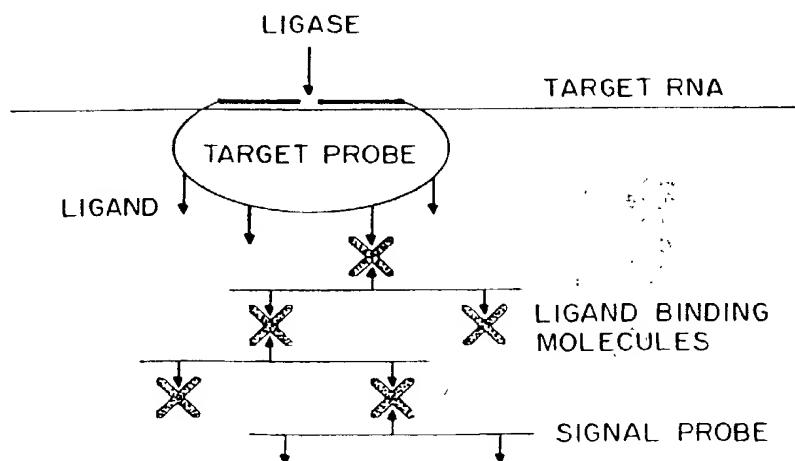
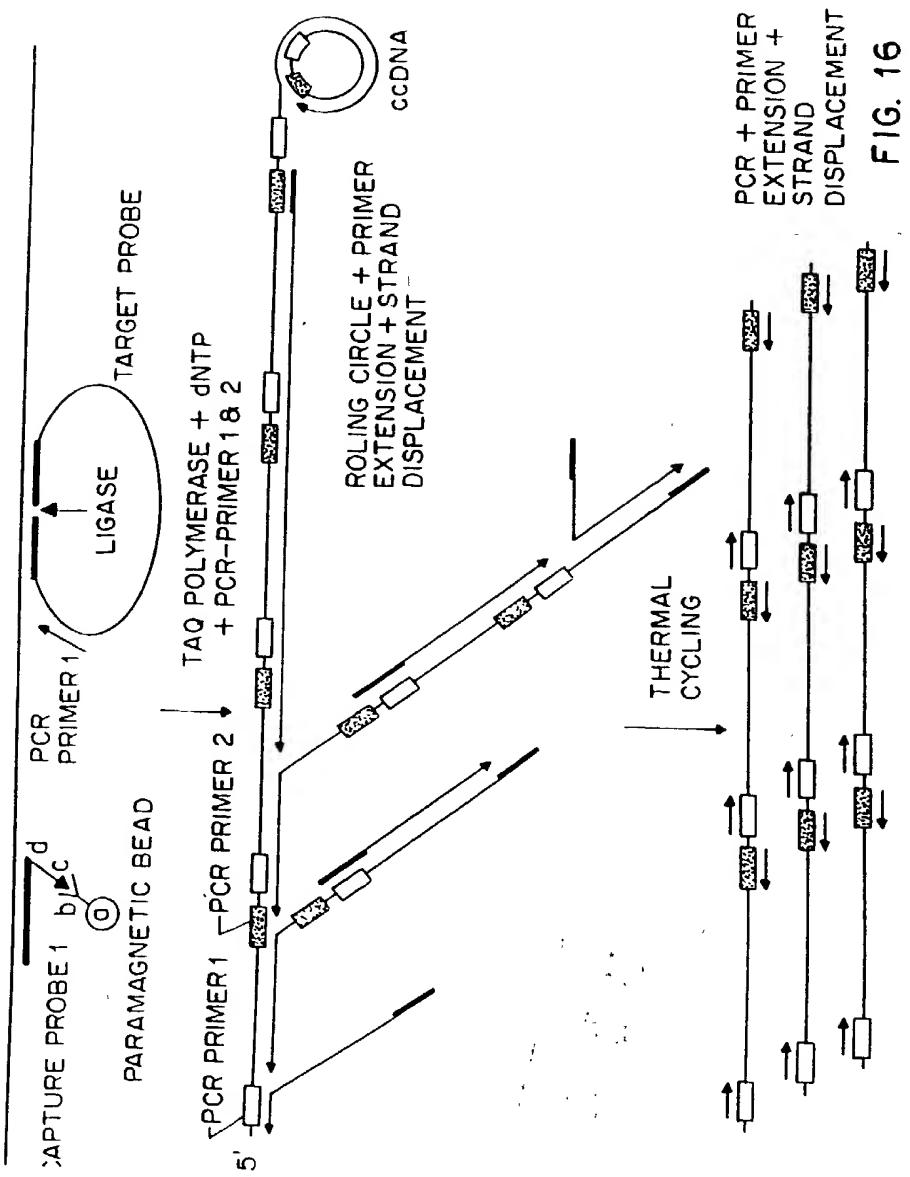


FIG. 15

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Without Ligation

With Ligation

FIG. 18

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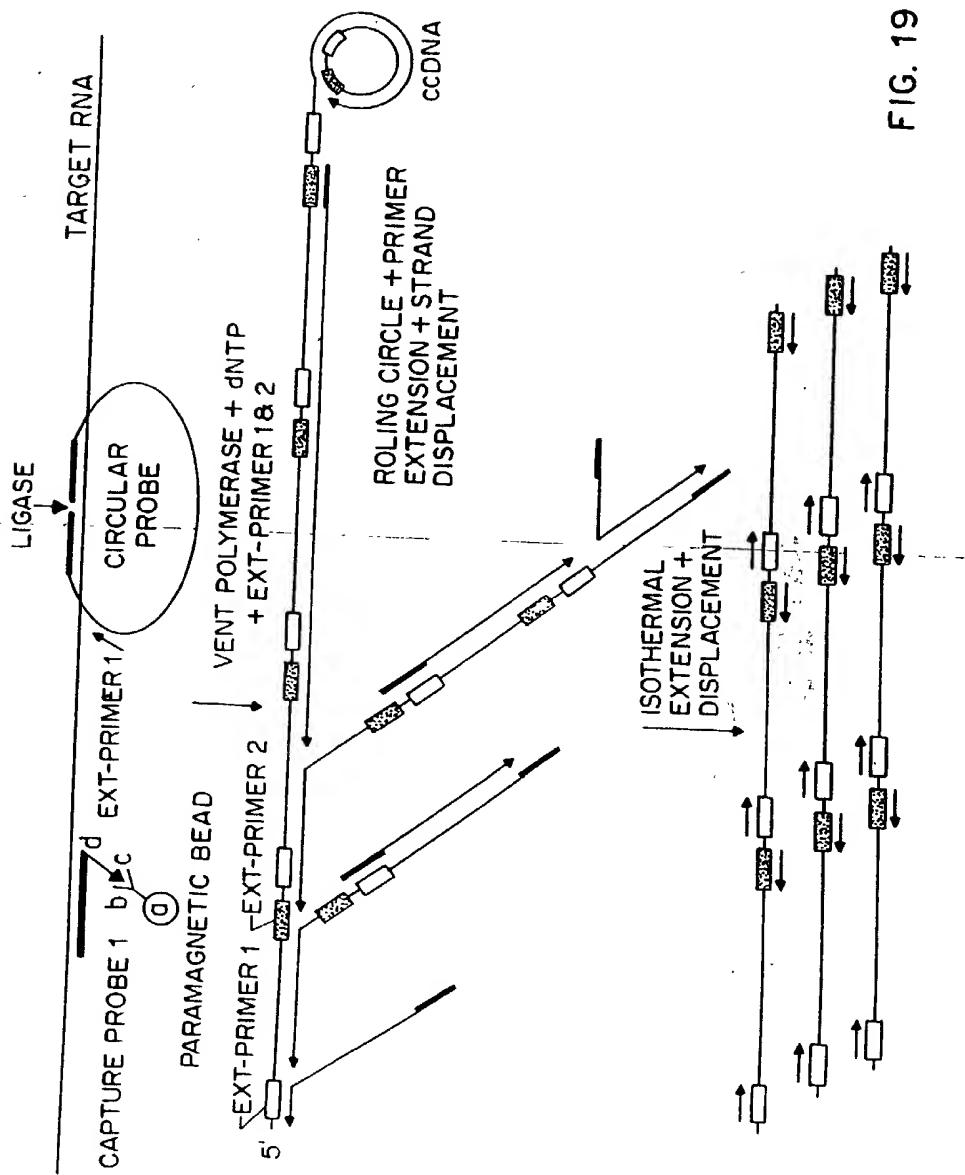


FIG. 19

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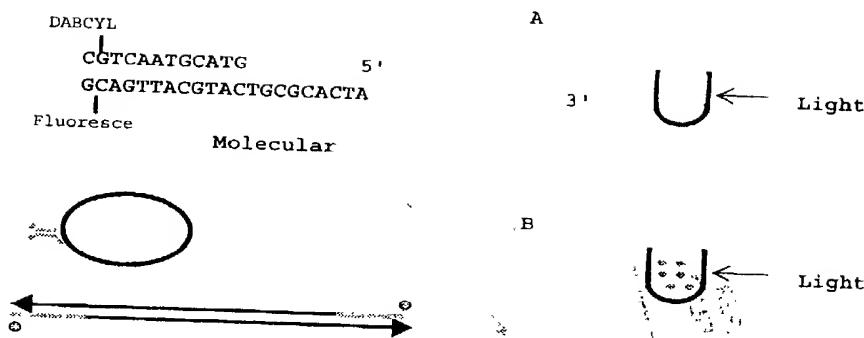


Fig. 20

29545
(140 + 24)

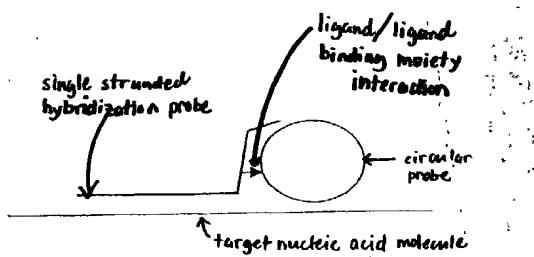
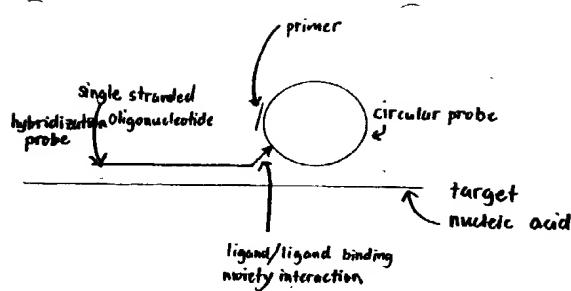
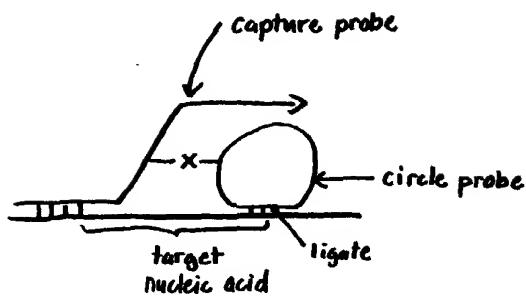


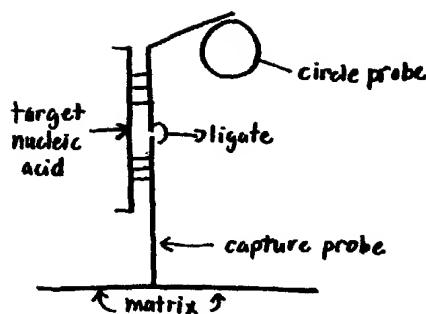
Figure 2J A-B

0.4397 0.2261 0.6050 0.2

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21 C



21 D

Figure 21 C-D

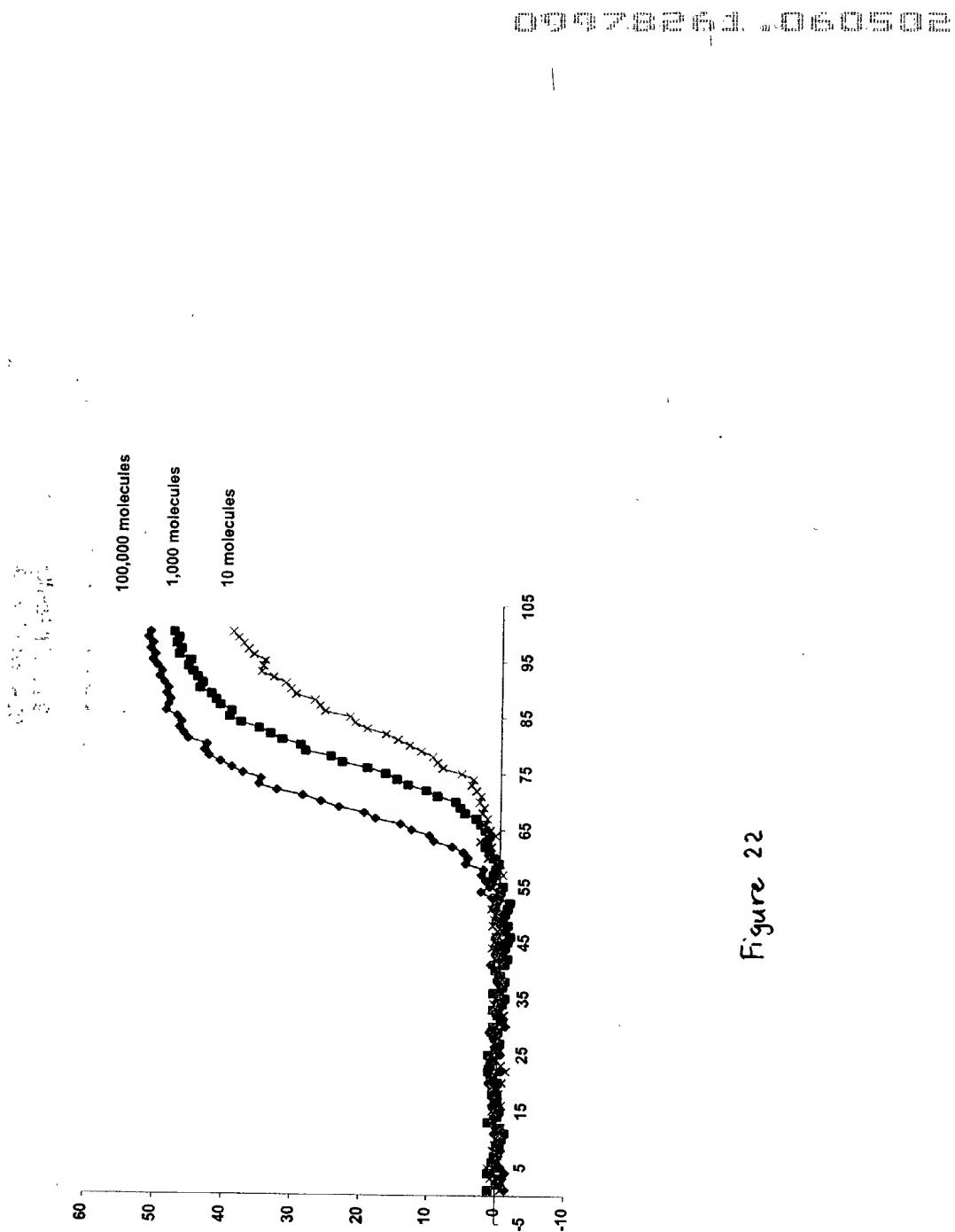


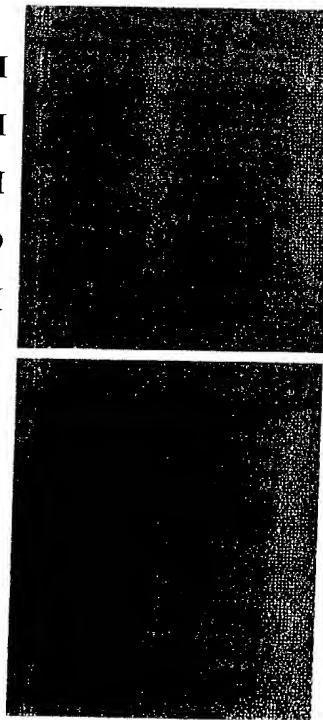
Figure 22

(16042)
29545

Inhibition of biotin-avidin on RAM (Bst/P29)

B-C-P + Avidin + S-P
B-C-P + Avidin
Biotinylated-C-P
C-P
Marker

B-C-P + Avidin + S-P
B-C-P + Avidin
Biotinylated-C-P
C-P
Marker



Bst polymerase ϕ 29 polymerase

Figure 3
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(180724)

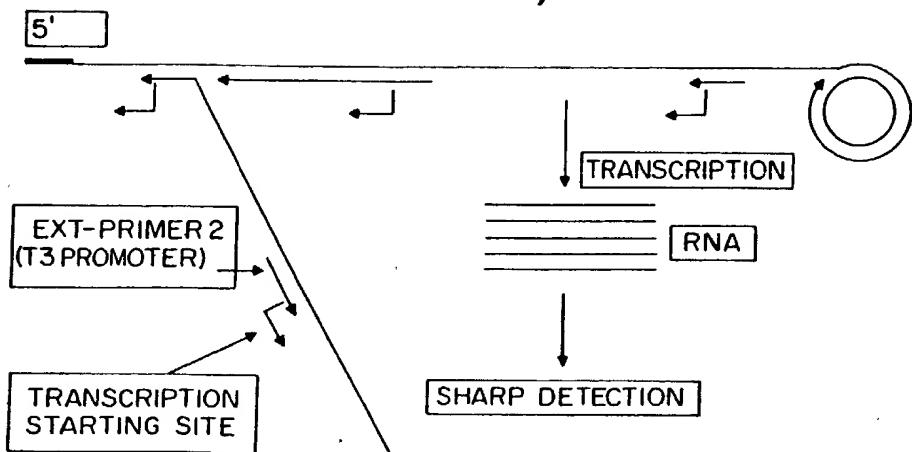


FIG. 17

ROLING CIRCLE +
PRIMER EXTENSION

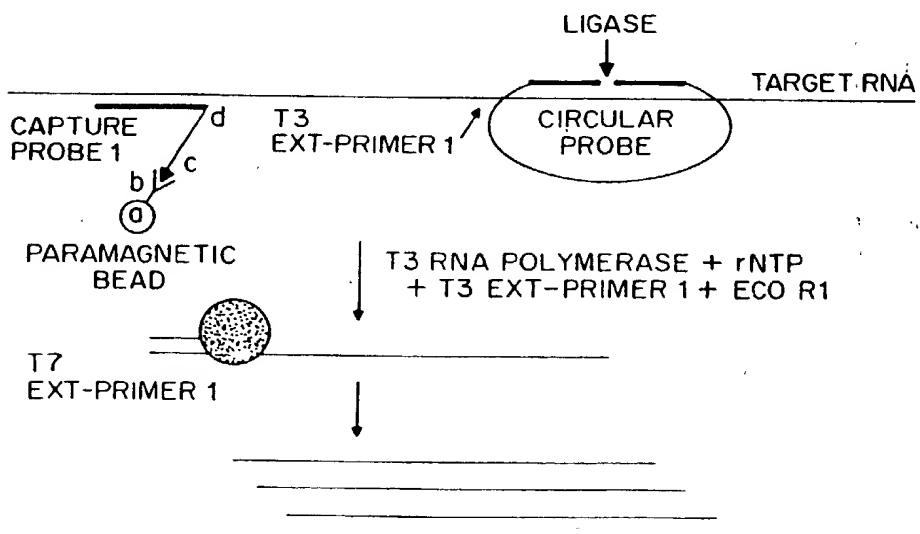


FIG. 24

OCT-12-2000 23:2E

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P.24

RAM with 1, 2, and 3 primers

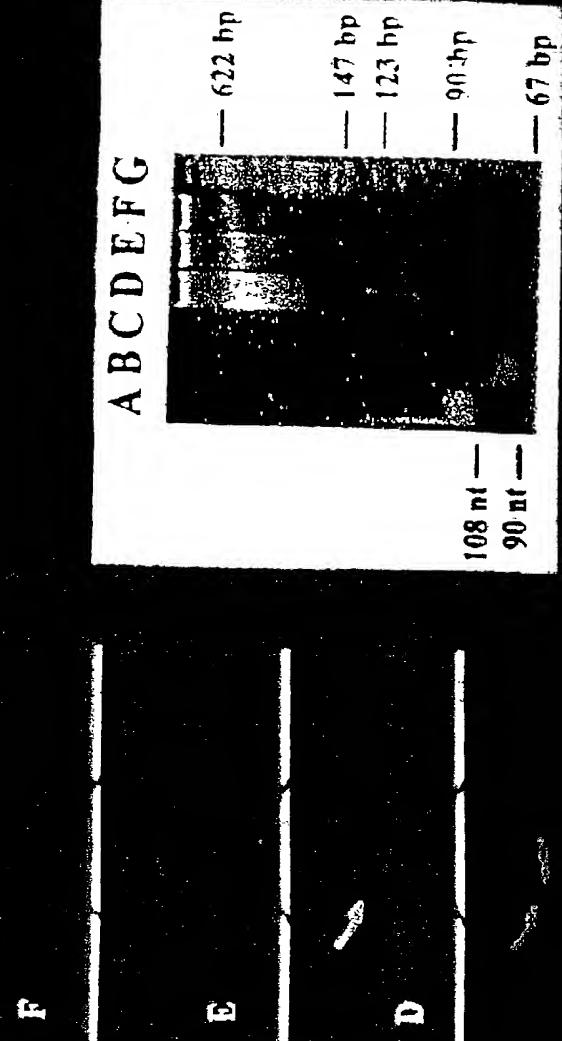


FIGURE 25

001-12-2000 20:00

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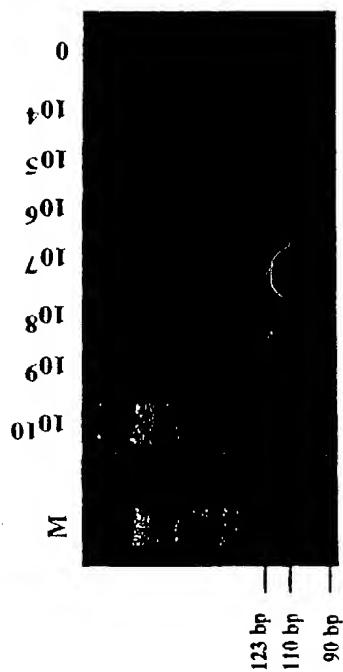


FIG. 26

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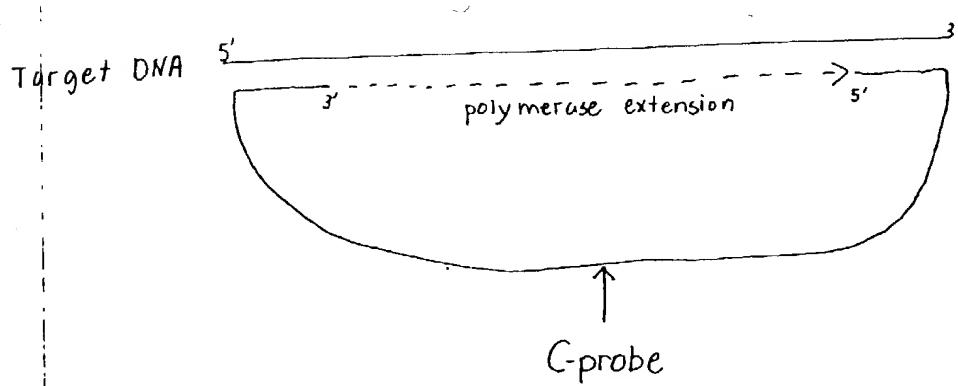


FIG 27 -

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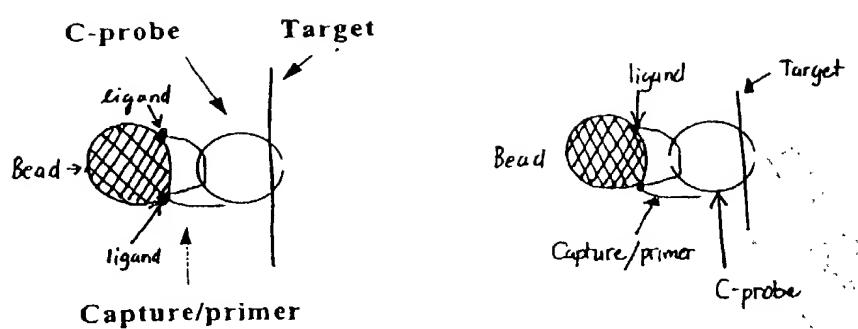


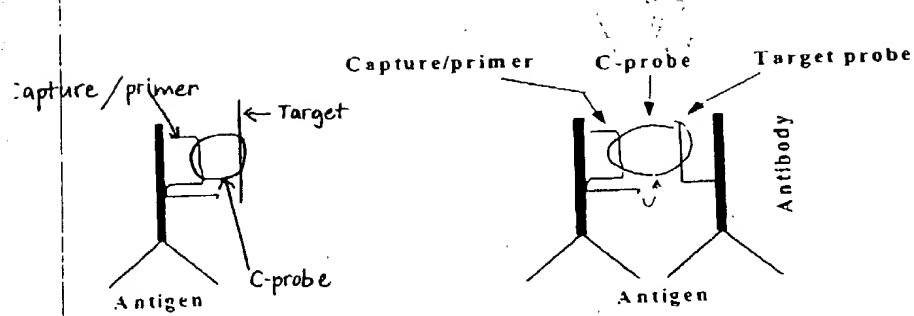
Figure 28

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OCT-12-2000 23:30

P.29

FIGURE 29



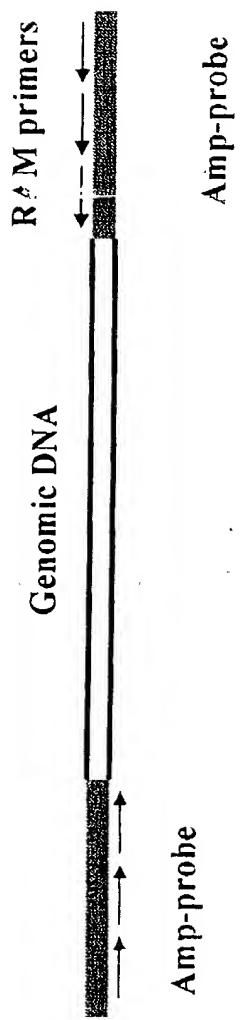


Figure 30

NOV 22 2000 13:07

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TOTAL P.02
PAGE.02